

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03723AT

This certificate issued to

DC Aerospace, LLC
104 Grove Court
Eagle Springs
Centerville, GA 31028

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : T00008WI

Make : Learjet Inc

Model : 45 (Learjet 40 & 45)

Description of Type Design Change: Installation of Latitude Technologies Corp, SkyNode S200 Satellite and Communication Systems (SATCOM) per DC Aerospace Master Data List MDL2941, Rev-C, dated July 7, 2009. Included in this Installation are a cabin cordless handset and a SATCOM/GPS antenna. The system will send the aircraft position via the Iridium satellite network for tracking the aircraft via internet based applications.

Limitations and Conditions: "The GPS functionality was not demonstrated to meet FAA Minimum Operations Performance Standards, and the Internet based Tracking application has aircraft and ground components that were not fully evaluated under this approval. FAA Approved Flight Manual Supplement for Learjet 40 and 45 series Aircraft, DC Aerospace document AFMS-2941, Rev-IR, Dated July 31, 2009, is a part of this STC. Apply DC Aerospace Instructions for Continued Airworthiness ICA-2941, Rev-A, Dated May 1, 2009, or later FAA approved revisions, for maintenance and inspections. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission."

(See continuation sheet 2 of 2)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : June 09, 2008

Date reissued :

Date of issuance : July 31, 2009

Date amended :



By direction of the Administrator

Robert S. Chynoweth
(Signature)

for Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST03723AT

Date of Issuance: July 31, 2009

Certification Basis. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for parts changed or affected by the change since the reference date of application, June 9, 2008, is based upon the following Title 14 Part 25 Code of Federal Regulations and amendments:

Title 14 CFR Part 25

§ 25.301 Amdt. 25-23
§ 25.303 Amdt. 25-23
§ 25.305 (a), (b), Amdt. 25-54
§ 25.307(a), Amdt. 25-54
§ 25.571 Amdt. 25-72
§ 25.601 Orig.
§ 25.603 (a), (b), (c), Amdt. 25-46
§ 25.605 (a), Amdt. 25-46
§ 25.609 Orig.
§ 25.613 (a), (b), Amdt. 25-46
§ 25.869 (a-4), Amdt 25-113
§ 25.1301 (a), (b), (c), (d), Amdt Orig.
§ 25.1307 (b), (c), Amdt 25-72
§ 25.1309 (g), Amdt 25-41
§ 25.1351 (a-1), Amdt 25-41
§ 25.1353 (a), (b), Amdt. 25-113
§ 25.1357 (a), (b), (c), (d), Orig.
§ 25.1431 (b), (c), Amdt. 25-113
§ 25.1529 Amdt. 24-54

-----END-----